

**REMARKS**

Claims 1-11 are herein canceled for reasons not related to the cited art, and those claims will be pursued through a divisional application at a later date.

Claim 27 is amended herein to recite that the particles consist of those particles having a diameter of less than about 4 microns. The Bruneau reference suggests that the particles contemplated in Bruneau have a rather narrow particle size distribution, "that is to say that more than approximately 90% have a size of between 2.5 and 10  $\mu\text{m}$ . However, it is still not clear from Bruneau that all of the particles have a particle diameter less than about 4 microns, as claim 27 in the present application recites. In the present application, claim 27, all of the particles must have a diameter of less than about 4 microns, and Bruneau does not appear to contemplate a collection of particles that are all smaller than about 4 microns. The reason that Bruneau does not anticipate the present application on this point is that the present application goes into great detail to describe how the contemplated particles are produced. This method that includes an emulsion (not a solvent) and a suspension agent along with a surfactant ensures that the particles will not only be transparent, but will be smaller than those particles found in the art and have a much narrower size distribution than those size distributions contemplated in the art, including Bruneau. The Applicant also would like to point out that the two European references cited in Column 3 of the Bruneau reference - EP 192515 and EP 303530 - both use catalysts and solvents to produce the particles disclosed and do not contemplate the use of suspension agents and surfactants. This method of production for the particles contemplated by the present application cannot be overlooked as the primary reason for the superiority of the particles disclosed.

New claims 38-43 are directed to this reaction mixture that results in the superior particles disclosed in the present application. It should not be minimized that the particles disclosed in Bruneau in Column 3 are formed by conventional methods that result in polymer particles which are not maximized with respect to quality and diameter, as pointed out in paragraph 0015 of the present application.

Honeywell Docket No. H0001324 - 4690  
Bingham Docket No.: H9910-0505

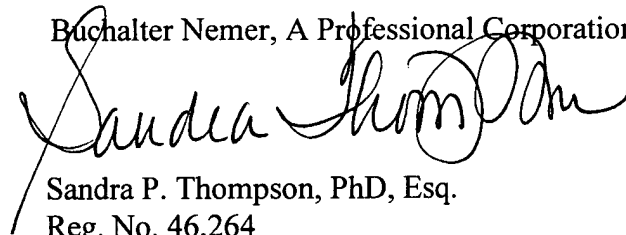
**REQUEST FOR ALLOWANCE**

Claims 27-43 are pending in this application, and the Applicant respectfully requests that the Examiner reconsider the claims in light of the arguments presented and allow all pending claims.

Respectfully submitted,

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**Request for Continued Examination (RCE) w/Two Month Extension**

Title: Micron-Size ~~Polymer~~ Particles, Production and Uses Thereof  
Inventor: R. Highsmith *Polymer*  
Filing Date: October 13, 2003  
Serial Number: 10/684856

Matter Type: Patent - US  
Date of Deposit: February 27, 2006  
Matter #: H9910-0505  
Enclosures: (1) RCE Transmittal (4 pages); (2) Response to Office Action (5 pages); and (3) postcard.

DATE MAILED: 2/27/06 SBU: 4690  
PATENT APPLICATION FOR: Micron-size polymer particles,  
production...  
INVENTOR(S): Highsmith et al.  
SERIAL NO.: 10/684856

**THE FOLLOWING HAS BEEN RECEIVED IN THE U.S. PATENT AND TRADEMARK OFFICE ON THE DATE STAMPED HEREON:**

☐ Missing Parts of Application Transmittal \$ \_\_\_\_\_  
☐ Combined Declaration/Power of Attorney \$ \_\_\_\_\_  
☐ Power of Attorney  
☐ Assignment and Cover Sheet: \$ \_\_\_\_\_  
☐ Information Disclosure Statement ☐ ISR ☐ From PTO 1449 with \_\_\_\_\_ References \$ \_\_\_\_\_  
☐ Request for Corrected Filing Receipt  
☒ Amendment/Response ( 2 page(s) ) \$ \_\_\_\_\_  
☒ Petition for Extension of Time ( 2 months ) \$ 420  
☐ Amendment After Final Rejection ( \_\_\_\_\_ page(s) ) \$ \_\_\_\_\_  
☐ Notice of Appeal  
☐ Appeal Brief ( \_\_\_\_\_ page(s) ) \$ \_\_\_\_\_  
☐ Issue Fee Transmittal \$ \_\_\_\_\_  
☐ Formal Drawing(s); No. of Sheets \_\_\_\_\_  
☐ Total fees charged to Deposit Account No. 01-1125: \$ \_\_\_\_\_  
OTHER PCE \$ 790  
Attorney Docket No.: H0001324 Attorney: B. Kirk  
Outside Counsel: Bulhafter